

ABSTRACT OF DISCLOSURE

Multiple board fiber optic modules and methods related thereto. Fiber optic modules include one or more vertical printed circuit boards and/or one or more horizontal printed circuit boards and/or one or more slanted printed circuit boards. The one or more printed circuit boards are parallel to optical axis of one or more optoelectronic devices such as a receiver or transmitter. The one or more printed circuit boards may include a ground plane to minimize electrical cross talk. A shielded housing or cover provides shielding for electromagnetic interference. The base or shielded housing or cover may include a septum to separate the fiber optic modules into a first side and a second side and provide additional shielding to minimize crosstalk. Horizontal, vertical, and NxN arrays of fiber optic channels in fiber optic modules. Fiber optic modules including a mini back plane for edge connecting printed circuit boards.

F00740-2014-000